

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** August 3, 2006

**Inspector:** Don Ukers

**Location:** 345kV Underground Route

**Storm/**

**Rain Event:** Approximately 0.48" of rain was recorded on 7/28 with possibly higher localized totals as reported by NOAA.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Most work areas along Rt. 7 are being restored but a few bare areas remain. 8/3/06	- Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is completed. 2/2-8/3/06	-Restoration continues at this time.
	-A number of vaults continue to be accessed along portions of the route for internal work (pulling/splicing cable). 8/3/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-8/3/06	-N/A
	- Active work continues along a few locations along Rt 7 and at the Rt 107 intersection. 8/3/06	- It should be confirmed that catch basins in the area have controls. See erosion control section. 8/3/06	- Needs attention if not already addressed.
	- Pipe installation was complete at the Georgetown HDD. The trench has been backfilled and equipment was demobilizing. 8/3/06	- See erosion control section for more information. 8/3/06	- N/A
	- The exit point for the HDD is located at Church St. Work is ongoing here. 7/5-8/3/06	- See erosion control section for recommendations. Silt fence needs repair 8/3/06	- See erosion control section

Areas of Inspection	Observation	Recommended Action	Corrective Action
Erosion and Sediment (E&S) Controls  <b>Route 7</b>	- Grass growth appears to have slowed at the high school J&B and north towards Allen's Meadow due to the weather 7/26-8/3/06	- Continue to monitor as grass is patchy but seems stable for the most part. 7/26-8/3/06	- N/A
	- At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. Silt fence was repaired at the paved drive. 8/3/06	- Grass growth has slowed due to the weather. Continue to monitor for stabilization. 8/3/06	-Silt fence was repaired
	- Vegetative cover is not establishing as quickly in the mulched area to the east as the expectation was that wetland species would return naturally. 7/19-8/3/06	- Continue to monitor for vegetative cover. Repair and reinforce the controls to avoid the fence getting pushed down if not already done. 7/19-8/3/06	-Needs attention if not already done
	-Silt fence along the eastern wetland at the swale has also come down. 8/3/06	-This needs to be repaired/restapled. Reinforce fence along this wetland. 8/3/06	-Needs attention.
	- The silt fence near the swale on Old Danbury Rd. remains in place. There are several stockpiles in place upgradient here. 7/19-8/3/06	-Grade and restore the area as soon as possible to remove the potential for erosion. 7/19-8/3/06 Also consider removing accumulated sediment in the swale. 7/12-8/3/06	-Needs attention when feasible.
	- The HDD exit point and adjacent area continues to stabilize. 8/3/06	-Continue to monitor for stabilization. 7/5-8/3/06	- N/A
	- The vault at Wilton Corp Park did not have active work at the time. 8/3/06	-The vault area will need to be restored when access needs are complete. 6/20-8/3/06	-Restore when access is complete
	- Landowner activities near the storage area near #848 (Rt.7) are directly affecting wetlands, including placing sediment on the banks of the swales. 3/15-8/3/06	-The sediment placement and landowner activities are outside of project jurisdiction. 4/6-8/3/06	-N/A
	- Previously, catch basins	- Confirm that adjacent	- Needs attention

Areas of Inspection	Observation	Recommended Action	Corrective Action
<b>Rt. 107</b>  Erosion and Sediment (E&S) Controls	<p>near the Rt. 107 &amp; 7 intersection did not appear to have filters/controls in place in the catch basins and has been disturbed for several months prior to work returning here a few weeks ago 7/12-8/3/06</p> <p>- At the Georgetown Deli J&amp;B, vegetative growth continues at all of the restored areas and the boulders are holding up well. 8/3/06</p> <p>- At the Georgetown HDD site (Gilbert &amp; Bennett lot), the drill and pipe installation is complete. Erosion controls are in good shape and the slope was restored. 8/3/06</p> <p>- At the HDD exit at Church St, some silt fence was down adjacent to the work. 8/3/06</p>	<p>catch basins are protected and restore the island when access is complete. 4/6-8/3/06</p> <p>-Due to the sandy soils, EC mats are installed here to promote stabilization. Continue to monitor 5/31-8/3/06</p> <p>- Continue to monitor. Determine whether the slope will require mats for stabilization as this area may erode. 8/3/06</p> <p>- Repair and maintain the fence until the area is restored and stable. 8/3/06</p> <p>- Continue to restore any remaining areas and install controls if necessary. 8/3/06</p> <p>- The swale had been cleaned once but it needs to occur again. 7/5-8/3/06</p>	<p>- Vegetative growth continues</p> <p>-Erosion controls are in good shape and the slope was seeded.</p> <p>- Needs attention</p> <p>- N/A at this time</p> <p>- Needs attention (unless transition station jurisdiction)</p>
<b>Umpawaug Rd. And Diamond Hill Rd.</b>  <b>Norwalk Junction</b>	<p>- Restoration efforts were noted and all erosion controls were removed. 8/3/06</p> <p>- Significant sediment had accumulated in the swale on site. 7/5-8/3/06</p>		
Adjacent Wetlands and Waterways	-Adjacent areas of wetland were restored around the HDD site but revegetation is occurring somewhat slowly in the naturally restoring area 8/3/06	-Continue to monitor for vegetative cover and stabilization. Repair controls where needed-see erosion control section. 8/3/06	- N/A
Staging, Storage, and Parking Areas	<p>- The equipment storage yard on the property south of the Rt. 7 &amp;107 intersection was mostly contained. 1/26-8/3/06</p> <p>- Disturbance is mostly due</p>	- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially	-N/A at this time

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	<p>to landowner activities. 3/15-8/3/06</p> <p>- A possible spill was noted here in the gravel. 8/3/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd is still in use. 8/3/06</p> <p>- The racquet club storage yard has a pile of sandbags and other equipment stored here. Stormwater had been seen running to the swale on site. 6/7-8/3/06</p> <p>- Equipment and materials are also being stored off Rt 7 before the Rt 33 turn. 6/14-8/3/06</p>	<p>spillable materials should be left behind. Equipment should not be placed near resource areas.</p> <p>-Determine if this is project related and remove affected soil and stone. 8/3/06</p> <p>- The area is fairly well contained but control disturbed soil if necessary. Continue good housekeeping here. 8/3/06</p> <p>- Install haybales at the culvert within the swale in an attempt to filter run-off. 2/2-8/3/06</p> <p>- Keep areas contained and avoid encroachment into the tree line 6/14-8/3/06</p>	<p>- Needs attention</p> <p>-May need attention</p> <p>- Needs attention</p> <p>-Continue to monitor</p>
Soils	<p>- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. Soils off roadway can be returned to the trench.</p> <p>- A few stockpiles were noted near Old Danbury Rd. 7/12-8/3/06</p>	<p>- Soils appear to be handled appropriately. 8/3/06</p> <p>- Continue to make sure any stockpiles are backfilled to the trench by the end of each day. 2/2-8/3/06</p> <p>- Grade and restore as soon as feasible to reduce potential of erosion. 7/12-8/3/06</p>	<p>N/A at this time</p> <p>- Needs attention</p>
State species of concern, threatened and endangered species	<p>- No species of concern are located in this area of construction.</p>	<p>- N/A</p>	<p>-N/A</p>
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The restoration efforts (seeding and mulching) in several locations along Rt 7 including HDD resulted in grass cover but growth is slowing due to the weather 7/26-8/3/06</p>	<p>-Continue restoration: and monitor areas for suitable growth. 8/3/06.</p>	<p>N/A at this time</p>

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	- Some restoration was noted along Rt 7 near Ring's End lumber. 7/5-8/3/06	- Continue to monitor. 8/3/06	- N/A
Dewatering	- A frac tank remains at the Georgetown HDD but equipment is demobilizing and active dewatering was not occurring. 8/3/06	-None at this time. 8/3/06	- N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A
Spills and Material Storage	<p>- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 8/3/06</p> <p>- A spill was noted in the gravel at the Rt 107/7 storage area. Pick up and remove affected stone/soil 8/3/06</p>	<p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand.</p> <p>- Report spills immediately, even if they are being controlled.</p>	<p>-N/A</p> <p>- Needs attention</p>
Additional Observations	<p>- The invasive species Phragmites was noted growing back at the School Rd HDD site. This had been present prior to work here and will be difficult to prevent. 7/12-8/3/06</p> <p>- The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26-8/3/06</p>	<p>-Continue to monitor and attempt to keep establishment from occurring in new areas.</p> <p>- The contractor will be speaking to the landowner 7/26-8/3/06</p>	<p>- Was being addressed.</p>

**Next likely scheduled inspection:**

Thursday, August 10, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the

best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden for Don Ukers





345kV (School Rd) Photo on the left shows the silt fence coming down along the eastern wetland swale. Controls should be repaired/restapled where necessary. Photo on the right shows a view of the restored area. Vegetation is returning slowly along this edge. 8/3/06



Photo on the left shows another view within the restored HDD site. Photo on the right shows the previously restored area heading north towards Allen's Meadow Park. Grass had stopped growing well due to the weather but is still stable at this time. 8/3/06





(Route 7) Photo on the left shows a potential spill in the gravel at the storage area near the Rt 107&7 intersection. Photo on the right shows the exit point of the Georgetown HDD near Church Street. Silt fence was down in this area and should be repaired. 8/3/06





(Georgetown HDD): Photo on the left shows a view of the backfilled trench with pipe installed and the HDD complete. A frac tank remains on site. Photo on the right shows another view of the completed HDD work site in the Gilbert & Bennett lot. 8/3/06